

Title (en)

Compressing device for the pick-up of a harvesting machine.

Title (de)

Anpressvorrichtung für den Aufnehmer einer Erntemaschine.

Title (fr)

Dispositif formant compresseur pour ramasseur de machine de récolte.

Publication

EP 0070942 A1 19830209 (FR)

Application

EP 81401225 A 19810729

Priority

EP 81401225 A 19810729

Abstract (en)

1. Compressing device (10) for a rotor-type pick-up of a harvesting machine, of the type comprising a support (11) mounted on the frame (1) of the machine or on a part connected to the frame and extending towards the front from a point located behind the axis of the rotor of the pick-up (7) and bearing, on a transverse part located in front of the pick-up, fingers (13) of a springy nature extending towards the rear from this transverse part, while conforming substantially to the profile of the pick-up, this support (11) being mounted on the frame (1) of the machine in such manner as to be able to pivot with the fingers (13) borne by it about a transverse axis (12, 22) located behind, and at a level situated higher than the level of, the axis of the rotor of the pick-up (7), characterised in that the articulation of the support (11) to the frame (1) is effected in such manner as to permit free movement of the said support downwardly in the direction of the pick-up (7) so that the support and the fingers (13) borne by it may be able to rest freely with all their weight on the sheet of harvesting products passing over the pick-up whatever the thickness of the said sheet, rigid means (17) fixed to the frame (1) of the machine and extending towards the front above the support (11) are provided, and flexible linking elements (19) connect these rigid means (17) to the support (11) in order to limit its downward swinging movement in an adjustable manner.

Abstract (fr)

Ce dispositif compresseur pour ramasseur de machine de récolte notamment de presse à balles, comprend un support (11), de préférence en forme d'U, monté de façon pivotante (en 12) sur le châssis de la machine par les extrémités arrière de ses branches longitudinales et dont la branche transversale dirigée vers l'avant porte des doigts élastiques (13) à profil incurvé, dirigés vers l'arrière. L'axe transversal de montage à pivotement du support est situé en arrière de l'axe du rotor du ramasseur (7) et la branche transversale du support portant les doigts élastiques se trouve en avant de ce ramasseur. Il en résulte une meilleure compression des produits et une meilleure adaptation automatique du compresseur aux conditions de travail.

IPC 1-7

A01D 89/00

IPC 8 full level

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CPC (source: EP)

A01D 89/008 (2013.01); **A01F 15/08** (2013.01)

Citation (search report)

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